

The Structural diagram of adapter, and size range of the tested specimen

1.Preparation of the tested specimen :

A piezo-ceramic slice (ref. Fig.1), is poled parallel to Z direction at first, then removed the electrodes, and painted electrodes on surfaces perpendicular X direction, this specimen will be used for measuring d_{15} .

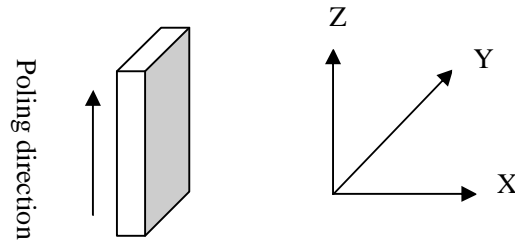


Fig.1

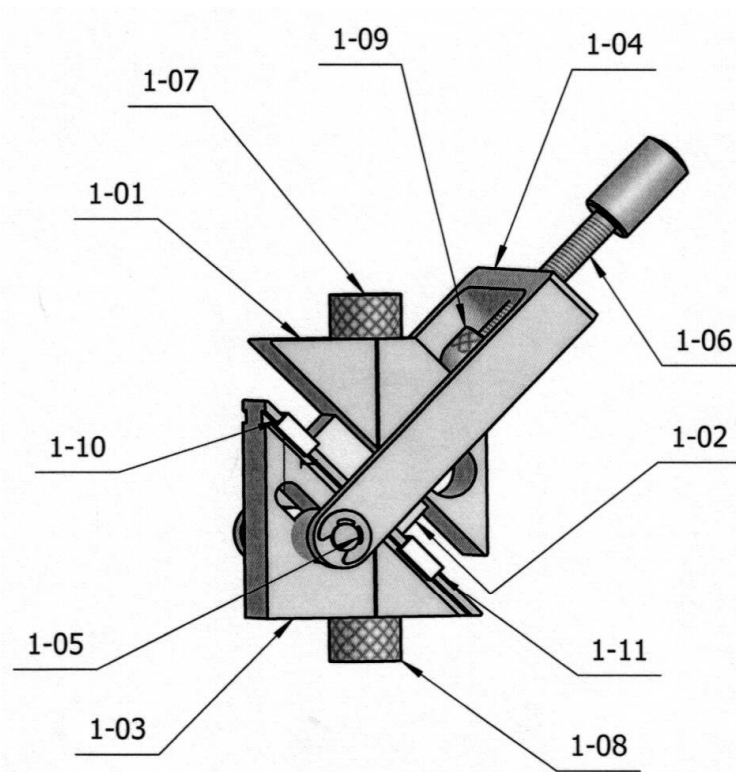
2.The tested specimen range:

Length $l < 60\text{mm}$ or more,

Width $w < 30\text{mm}$

Thickness $t < 10\text{mm}$

We can design and fabricate the d_{15} adapter specially for testing more size specimen if consumer need



- 1-01 Top fixture block
- 1-02 the tested specimen
- 1-03 Bottom fixture block
- 1-04 Frames
- 1-05 Axles for connecting Frame
- 1-06 Bolt to fix the tested specimen between fixture blocks
- 1-07 Centering tip No.1
- 1-08 Centering tip No.2
- 1-09 Plastic tip for insulating
- 1-10 Slider No.1 for locating the tested specimen
- 1-11 Slider No.2 for locating the tested specimen

Fig. 2 Structural diagram of the Adapter(Fixture) for measuring d_{15}